ABSTRACT OF THE DISCLOSURE

In accordance with the present invention, there is provided a method of milling an orthotic device by using a computer controlled milling tool. The orthotic device is defined by a orthotic device upper contour. The method begins with providing a workpiece which defines a mill plane and a perpendicular axis thereto. The method further provides for milling the milling tool into the workpiece along the perpendicular axis to a depth corresponding to the orthotic device upper contour. The method further provides for translating the milling tool relative to the workpiece in the mill plane along a milling path while adjusting the depth of the milling tool to correspond to the orthotic device upper contour to selectively remove material from the workpiece for producing the orthotic device therefrom. The milling path is characterized by a plurality of mill rotations about the perpendicular axis. Successive ones of the mill rotations are radially further from the perpendicular axis.